

REVISED UTILITY PATENT APPLICATION

INVENTOR: Donald Michael Vernon-Woods

APPLICATION/CONTROL NUMBER: 09/531,769

FOLLOWING IS A COPY OF THE OLD SPECIFICATION.  
DELETIONS HAVE BEEN BRACKETED  
INSERTIONS HAVE BEEN UNDERLINED

[Descriptive] TITLE:

SPRAY APPLICATOR BELT HOOK

RELATED APPLICATIONS:

[Annexure A &B] Australian Application

475/1999

#### SUMMARY:

The Spray Applicator Belt Hook was initially designed to fill a need in the cleaning industry where cleaning staff were losing time having to walk back to their trolley to fetch their spray bottle (applicator), or, if taking it with them into the office to be cleaned, would be left with only one free hand to work with. Many spray bottles have been lost when put down and forgotten, or left behind at the end of a shift only to be found by office staff returning to work on the following day. This problem also created the possibility of office staff coming into contact with chemicals they have no understanding of and which if used incorrectly could cause injury to the person misusing them. The Spray Applicator Belt Hook overcomes these problems.

The Belt Hook is a double "u" shaped piece of [polypropylene] thermoplastic which slips over the belt of the operator allowing them to carry their spray bottle with them wherever they go, eliminating wasted time walking back to the trolley and minimising the incidents of lost bottles and the possibility of injury to untrained persons.

The invention described is capable of varied embodiments and suited to a multitude of applications. The afore cited example of cleaning is for the purpose of description only and should not be regarded as limiting.

[Trials of the Belt Hook over the past year in the working environment have demonstrated a labour cost saving to the contract of 6%, happier cleaning staff and no lost spray bottles.]

[The Belt Hook would not necessarily be restricted in application just to the cleaning industry. I am certain that it would be a useful adjunct to any endeavour where a spray applicator is being used.]

#### BRIEF DESCRIPTION OF THE DRAWING(S):

[(Annexure C) Provided are three views of the Belt Hook showing all necessary aspects and depicted lifesize 1:1. The model illustrated is a left hand unit and while left and right handed models will be manufactured, it is assumed that a right hand model would constitute an obvious adaption not needing protection by patent.]

FIG. 1 is a front elevation illustrating the invention;

FIG. 2 is a side elevation thereof;

FIG. 3 is a perspective view thereof;

FIG. 4 is a perspective view illustrating the invention in use.

## DESCRIPTION OF THE PREFERRED EMBODIMENT(S):

Referring to the drawings, it will be noted that the Spray Applicator Belt Hook is made [in one piece of polypropylene] of a single piece of thermoplastic material through a process of injection moulding. It has a double “u” configuration set in opposing directions. The [body of the] Spray Applicator Belt Hook is a modified belt clip 1 with an added platform, called the Rest 2 , set at 90 degrees to the clip. At the end of the Rest 2 is a vertical projection set at 90 degrees to the Rest, called the Rest Guard 3. The Rest 2 and Rest Guard 3 support a spray applicator bottle under the [sprayer] spray applicator's trigger mechanism while the belt clip supports the whole on the user's belt. The angle of the Rest 2 has been calculated to conform with angle of the [sprayer] spray applicator's trigger mechanism which is a constant angle on most generic spray applicators.

### [Detailed Description

The Belt Hook will be made of polypropylene through a process using an injection mould. The dimensions are as follows: Body length; 117mm, body width; 21mm, Rest width; 20mm, Rest Guard length; 30mm, rest angle to Body; 25 degrees, material thickness; 3mm.]